

BCM - Battery Cycle Monitor Plus

Item #
BCM02200-NM **Monitor, including Software**
All orders must include a completed order form RS-1295

Notes:

1. The BCM monitors current via a shunt installed in line. Standard connector shunts (which replace a standard inter-unit connection) are available for the all models of XTH , up to 41 plates models of XTL, XTL Plus and XTLA. and Liberty 1000 -(100-600). Connector shunts are not currently available on XTR, XTL, XTL Plus and XTLA models greater than 41 plates, msEndur II models or Dynasty products.
2. BCM02200-NM may be available for C&D models without connector shunts with prior marketing approval. A net surcharge for additional engineering efforts and commercial external shunts will apply. Non-standard orders take an additional 10 weeks lead time.
3. BCM02200-NM is not available for use with competitors batteries
4. The BCM02200-NM is not designed to monitor parallel strings.
5. Standard current ranges: The standard BCM02200-NM connector shunt will operate properly within the current ranges below.

Standard BCM Shunts

Battery Models	Current Range (Amps)
4XTH(C), 4XTH(C)P -7-9	515-2060
4XTH(C), 4XTH(C)P -11-17	600- 2400
4XTH(C), 4XTH(C)P -19-23	720-4330
2XTH(C), 2XTH(C)P -25-27	720-4330
2XTH(C), 2XTH(C)P -29-33	1970 - 3500
XT4J(C)-7-9-11	450-900
XT, XTP4L(C)-7-9	515-2060
XT, XTP4L(C)-11-13-15	540-2160
XT, XTP2L(C)-17-19	720-2880
XT, XTP2L(C)-21-23-25	720-4330
XT, XTP1L(C)-27-29	1800-2800
XT, XTP1L(C)-31-33	1970-3500
XT, XTP1L(C)-35-37-39-41	1350-4000
LS-12-100	180-360
LS-06-200	360-720
LS-04-300	490-980
LS-02-600	1625-3250

An external shunt is required for applications outside of these current ranges

Note: C&D does not supply means for installing external shunts.

External shunt

current range	Shunt Type
50 to 600 amps	Empro Types HA, MLA, MLB, MLC
601 to 1000 amps	Empro Types MLC & FL
1001 to 2000 amps	Empro Type E
2001 to 3000 amps	Empro Type F
3001 to 4000 amps	Empro Type F

Note: External shunts include attachment of shunt wire and calibration. The lead time for shunts is 3 to 4 weeks.

BCM-REPROG Factory Reprogram BCM to change current shunt or other reprogramming
Cost of shunt and shipping are extra.

Note: Reprogramming can only be performed at the factory.

Available Replacement Parts

BCM-IB	Internal Batteries, 3.6 V 1900 MAHR AA Lith
BCMOPINT Cable	4pin to DB9 cable
Battery Monitor Software	BCM02200-NM Software (CD ROM)